

Amendments to the Specification:

After the title, please insert the following subheading and paragraph:

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is entitled to the benefit of and incorporates by reference essential subject matter disclosed in international Patent Application No. PCT/DK2003/000863 filed on December 12, 2003 and German Patent Application No. 102 61 760.0 filed on December 19, 2002.

Before paragraph [0002], please insert the following subheading:

FIELD OF THE INVENTION

Please amend paragraph [0002] as follows:

[0002] The invention concerns a rotor for an electric motor, particularly an electric line-start motor, ~~with axially extending receiving spaces for permanent magnets and with axially extending accommodating spaces for conductor rods.~~

Before paragraph [0003], please insert the following subheading:

BACKGROUND OF THE INVENTION

Before paragraph [0008], please insert the following subheading:

SUMMARY OF THE INVENTION

Please amend paragraph [0008] as follows:

[0008] ~~Therefore, the task~~ One object of the invention is to provide a rotor according to the preamble of claim 1, particularly for an electric motor according to the preamble of claim 8, which makes the magnetic field approximately sine-shaped during synchronous operation.

Before paragraph [0018], please amend the following subheading:

BRIEF DESCRIPTION OF THE DRAWINGS

Please amend paragraphs [0019] – [0024] as follows:

[0019] Fig. 1 is a cross-sectional view through an electric motor according to a first embodiment of the invention with curved permanent magnets;

[0020] Fig. 2 is a cross-sectional view of a rotor according to a further embodiment of the invention with straight permanent magnets;

[0021] Fig. 3 is a diagram showing the course of the magnetic field strength B over the rotation angle of the rotor;

[0022] Fig. 4 is a cross-sectional view of a rotor according to a further embodiment of the invention with straight permanent magnets;

[0023] Fig. 5 is a cross-sectional view of a rotor according to a further embodiment of the invention with curved permanent magnets; and

[0024] Fig. 6 is a diagram showing the course of the torque over the rotor speed.

Before paragraph [0025], please insert the following subheading:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please add the following new paragraph [0041]:

[0041] While the present invention has been illustrated and described with respect to a particular embodiment thereof, it should be appreciated by those of ordinary skill in the art that various modifications to this invention may be made without departing from the spirit and scope of the present invention.